

AMENDMENTS TO THE CLAIMS

Please amend claims 58, 61, and 62, and cancel claims 59, 60, and 74, as follows.

Listing of Claims

1-57. (CANCELED)

58. (CURRENTLY AMENDED) A gutter catheter for performing annuloplasty, the gutter catheter comprising:

a distal catheter portion adapted to be received into a heart, said distal catheter portion including at least one sidewall defining a lumen along the catheter; [[and]]

an aperture in said sidewall of said distal catheter portion and communicating with said lumen to facilitate the delivery of elements through said lumen and said aperture to the tissue of the heart;

said distal catheter portion having a shape that corresponds to the contour of the left ventricular wall of the heart, between a plane associated with the papillary muscles of the left ventricle and a plane associated with the mitral valve of the heart, whereby the distal catheter portion is shaped to correspond to the contour of the gutter of the mitral [[valve]] valve;

anchor delivery structure disposed in said lumen;

at least one anchor supported on said anchor delivery structure and adapted to anchor to the tissue of the heart; and

an elongate tensile member operatively coupled to said anchor;
said anchor delivery structure movable from a first position wherein said anchor
is disposed within said lumen, to a second position wherein said anchor is moved
through said aperture to engage the tissue of the heart.

59-60. (CANCELED)

61. (WITHDRAWN- CURRENTLY AMENDED) The gutter catheter of claim [[59]] 58, further comprising a second aperture in a terminal end of said distal catheter portion.

62. (WITHDRAWN- CURRENTLY AMENDED) The gutter catheter of claim [[60]] 58, further comprising a second aperture in said distal catheter portion and [[a]] second [[element]] anchor delivery [[member]] structure in said lumen, said second [[element]] anchor delivery [[member]] structure operable to extend a second [[element]] anchor through said second aperture.

63. (PREVIOUSLY PRESENTED) The gutter catheter of claim 58, wherein said distal catheter portion is convertible between a first condition wherein said distal catheter portion has a shape that does not conform to the contour of the gutter of the mitral valve, and a second condition wherein the shape of said distal catheter portion conforms to the contour of the gutter of the mitral valve.

64-72. (CANCELED)

73. (WITHDRAWN) The gutter catheter of claim 62, wherein said second aperture is in a terminal end of said distal catheter portion.

74. (CANCELED)